**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 27 September 2022 |
| Student Name | MUTHUSAMY A |
| Student Roll Number | 910019106027 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code,Assume you get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

import time

i=0

while (i<=1440):

i=i+1

time.sleep(10)

import random

temp=random.randint(0,30)

humid=random.randint(1,100)

if temp<=15:

print(temp,"degree,the temperature is low")

elif temp<=25:

print(temp,"degree,the temperature is normal")

else:

print(temp,"degree,the temperature is high")

if humid<=50:

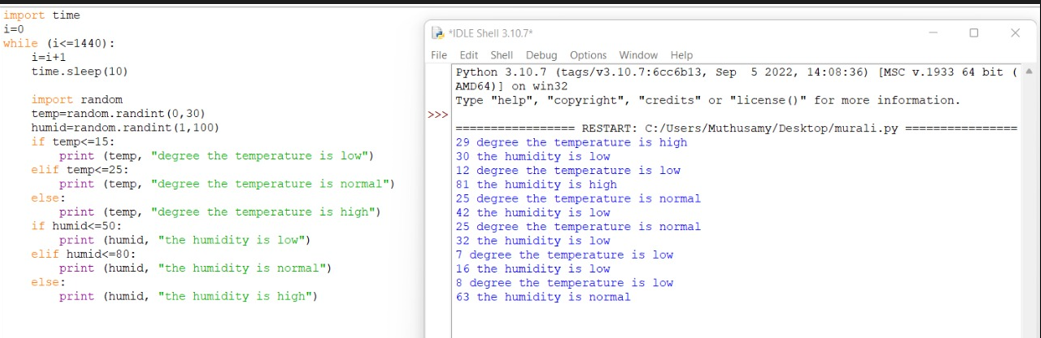
print(humid,"the humidity is low")

elif humid<=80:

print(humid,"the humidity is normal")

else

print(humid,"the humidity is high")



|  |
| --- |
|  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |